

# Alexander Wu

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**Portfolio** <https://alex0n0.github.io/portfolio> | **GitHub** <https://github.com/alex0n0?tab=stars>

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## Summary

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Full Stack Web Developer with a background in Information System and a graduate of The Coding Bootcamp at the University of Sydney. A versatile developer that can build responsive websites and RESTful API servers that integrate with databases and SaaS services such as SendGrid. Quick at understanding new tools and concepts, enjoys sharing findings with colleagues and praised for writing quality code. Currently working in a VR startup that builds applications for OHS training and heavy machinery operation. Primary goal is to become a developer who is capable across ideation, design and development.

## Education

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**The Coding Bootcamp at the University of Sydney**

**July 2019 - Jan 2020**

Full Stack Web Developer Bootcamp Certificate

**University of New South Wales**

**Mar 2015 - Aug 2019**

Bachelor of Commerce/Information Systems

## Skills

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**Front End** HTML, CSS (SCSS), JS/TS, Angular, React (Redux), React Native, WordPress (custom, Divi)

**Back End** Node (JS/TS), ASP.NET Core (C#), PHP, SQL (MySQL, Sequel Server), No SQL (MongoDB), Testing (Mocha, Jest, NUnit), AWS

**Others** Figma (interactive wireframes), Photoshop, Git, Bitbucket, Sourcetree, Jira, PuTTY, Unity

## Work Experience

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**Full Stack Developer – ACHIEVR**

**Mar 2020 - present**

Startup building VR training applications ranging from high risk activities such as crane operation to enhancing learning with immersive experiences in fire safety training.

### **Key Responsibilities**

- Work in an agile environment using Jira, Git, Bitbucket, and push code for QA testing and production users.
- Demo VR applications and end user platform to clients with the team in person or over Zoom.
- Create, update and present interactive UI designs in Figma to managers for pages on the company landing site, end user platform and VR applications.
- Build and improve features in the end user platform using Angular, C# and Microsoft SQL Server and create developer documentation detailing usage and extending code. Features range from UX improvements like search bars and filters to billing dashboards to track monthly VR application usage.
- Investigate and assess technology options for benefits to the team and budget such as choosing between Kartra, Wordpress or an Angular site for the landing site.

### **Key Achievements**

- Refactored all CSS from the Angular end user platform using SASS and added custom Bootstrap utilities to improve markup.
- Transformed the Angular end user platform into a mobile responsive site.
- Built a framework for parsing VR event data into student reports.
- Built reusable self-service features for multiple VR applications.
- Main developer on VR onboarding project for KFC Head Office.

### **Content Creator – Edupia**

**Mar 2016 – Feb 2020**

After school tutoring centre for primary and secondary school students in a variety of subjects like English, mathematics and science.

### **Key Responsibilities**

- Creating workbooks and trial papers for students and building interactive marking forms in Excel.
- Distributing workload from creating workbook volumes to smaller groups for faster workflow.

### **Key Achievements**

- Developing MVPs for reading catalogue organised by school year and mass mobile messaging application using Twilio.

### **Cafe Allrounder – Jamaica Blue Creator**

**Jan 2016 – Jan 2017**

Australian coffee shop chain with international stores.

### **Key Responsibilities**

- All rounder tasks ranging from taking orders, serving customers, preparing food and cleaning the shop.
- Ordering inventory, counting and depositing cash, and closing shop at end of day.

## Projects

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### **“Acorns” Mobile – React Native, Netlify**

**June 2021**

(Demo: <https://aw-acorns-mobile.netlify.app/> | Code: [https://github.com/alex0n0/Acorns\\_Mobile](https://github.com/alex0n0/Acorns_Mobile))

Mobile app for “Acorns” membership/reward card service for customers of businesses to see a collection of card and reward points.

### **“Acorns” Web – Angular, Netlify**

**June 2021**

(Demo: <https://aw-acorns.netlify.app/> | Code: [https://github.com/alex0n0/Acorns\\_Web](https://github.com/alex0n0/Acorns_Web))

Web portal for businesses to manage their membership/reward cards, reward profiles and see logs of users and scans.

### **“Acorns” Server – ASP.NET Core, SQL Server, AWS (EC2)**

**June 2021**

(Demo: - | Code: [https://github.com/alex0n0/Acorns\\_Server](https://github.com/alex0n0/Acorns_Server))

REST API server for the “Acorns” business web portal and mobile app.

### **Landing site – WordPress, AWS (Lightsail)**

**June 2021**

(Demo: <http://13.54.28.253/> | Code: [https://github.com/alex0n0/wp-cp-1\\_bonjoro](https://github.com/alex0n0/wp-cp-1_bonjoro))

Custom WordPress site build according to an existing design to demonstrate use of WordPress.

### **Theatre page – HTML, JS, Github pages**

**June 2021**

(Demo: [alex0n0.github.io/html-cp-2\\_bolshoi/](http://alex0n0.github.io/html-cp-2_bolshoi/) | Code: [https://github.com/alex0n0/html-cp-2\\_bolshoi](https://github.com/alex0n0/html-cp-2_bolshoi))

Page based on existing design to demonstrate building responsive webpages.

### **Travel page – HTML, JS, Github pages**

**June 2021**

(Demo: [alex0n0.github.io/html-cp-1\\_flyin/](http://alex0n0.github.io/html-cp-1_flyin/) | Code: [https://github.com/alex0n0/html-cp-1\\_flyin](https://github.com/alex0n0/html-cp-1_flyin))

Page based on existing design to demonstrate building responsive webpages.

### **“OrderAway” – React, Node, MongoDB, Heroku**

**Jan 2020**

(Demo: <https://aw-orderaway.herokuapp.com/> | Code: <https://github.com/alex0n0/OrderAway>)

Fullstack SaaS application for restaurants that features table-side ordering UI, kitchen display and back-office menu management.